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October 19, 1994

TO: Minerals File

FROM: Tony Gallegos, Reclamation Engineer *adg*

RE: Site Inspection, Native Asphalt Company, Cameron #1 Mine, S/047/036, Uintah County, Utah

Date of Inspection: October 17, 1994  
Time of Inspection: 1120 - 1245  
Conditions: Raining, cool  
Participants: John Robinson, Contractor; Tony Gallegos, DOGM

Purpose of Inspection: To examine reclamation currently being performed

I met Mr. John Robinson upon arriving at this site. Mr. Robinson is the contractor performing the reclamation work for Native Asphalt Company. The work he has performed at this site so far, consists mainly in placement of topsoil material. Soil material has been placed on the hillside which had previously been scalped for gravel to be mixed with the asphalt. The other areas which have been worked on include the old asphalt stockpile area and the gravel stockpile area. Both these last areas are located on the northeast portion of the site.

The topsoil placement and general grading is good. Mr. Robinson has not yet seeded the areas topsoiled. He wanted to discuss the method of seeding or the soil treatments prior to doing that work. He expects to finish the areas which have been topsoiled sometime soon. He expects to complete the rest of the reclamation work at the site sometime this fall or perhaps in the spring, if the weather does not allow it.

After viewing the site and the equipment Mr. Robinson intends to use to perform the scarifying and seeding, it was decided that the areas which have been topsoiled would be ripped with the motor grader. This will rip the surface possibly as deep as 6" or less. Ripper teeth are placed approximately 8" apart. Immediately after ripping, the area would be broadcast seeded.



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Mr. Robinson asked about raking or dragging the area after it had been seeded, or ripping the seed in. It was felt that ripping after seeding would place the seed too deep. After looking at the site and discussing it with Mr. Robinson, it was felt that raking or dragging the areas after they had been ripped and seeded was not appropriate. It would be better to leave the surface of the hillside in as rough a condition as possible.

We walked around the general areas which had been topsoiled. Mr. Robinson discussed his plans for the remainder of the areas. There may be a minor amount of topsoiling or earth work to be done on the access road in the northeast corner of the site and some minor touch-up regrading around the edges.

We also discussed the diversion ditch which will be constructed sometime in the future. Mr. Robinson presented the option of excavating the swampy materials in the diversion area down to the top of the asphalt bed. By constructing the ditch this way, it would give a broader V-type profile rather than a ditch dug with a backhoe which would have steep sides and be prone to sluffing or filling in. This approach seems appropriate; however, it is unknown how far the asphalt bedding goes down or if the location would be conducive to this type of excavation. Mr. Robinson wouldn't know this until he attempted to begin the ditch excavation. The material to be removed for this ditch construction could be used in reclamation of some of the other areas. This material could be used as soil material or as material to increase the berms which direct water away from the pit.

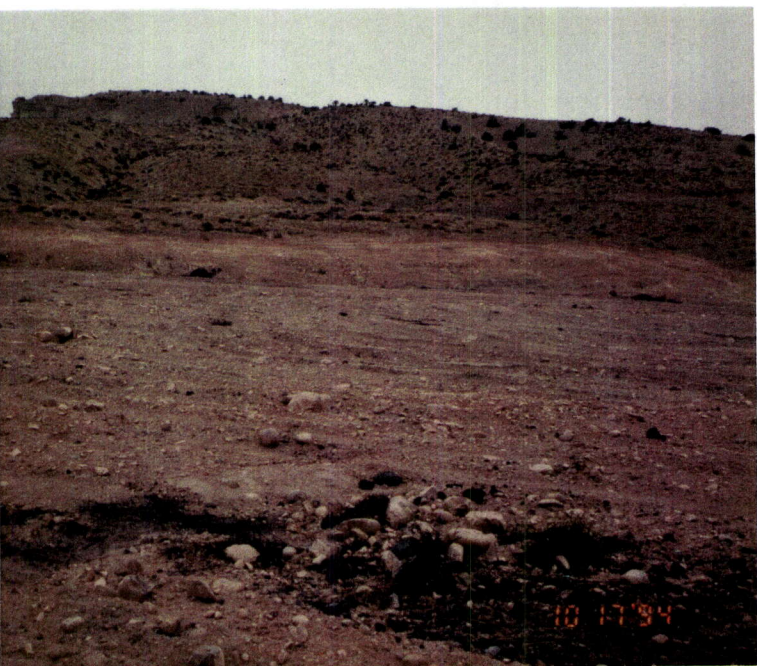
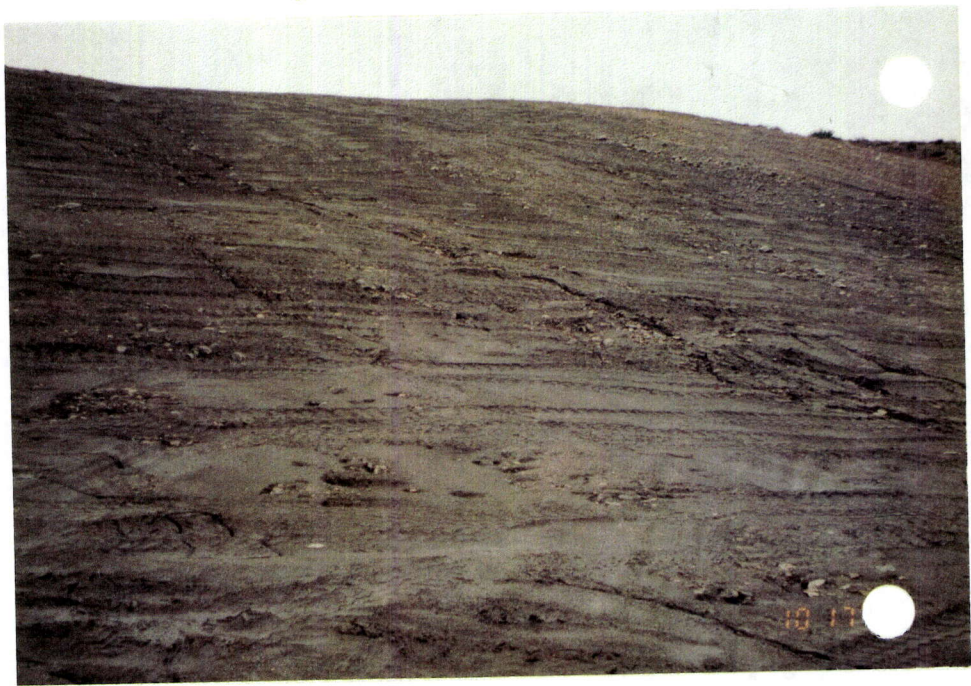
Photographs were taken of portions of the site. Detailed photos of the motor grader, ripper, and ripper teeth spacing, were also taken.

Mr. Robinson is also working on the reclamation of the old Sohio exploration sites, which are also the responsibility of Native Asphalt. Those sites involve BLM lands, and he will mainly be working with the BLM as far as completing that reclamation.

There were no immediate concerns at this site. There has been some minor erosion on the hillside due to the rain and the loose soil conditions; however, this is not a serious problem at this point in time. I asked Mr. Robinson to give me an update this week, describing the reclamation work that is accomplished at this site.

jb  
cc: Carl Minden, Native Asphalt Co.  
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S/047/036

- NOTE OVERBURDEN MATERIAL (SOILS)  
HAVE BEEN REMOVED FROM THIS  
AREA AND PLACED ON SCALPED HILLSIDE

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SOIL PLACEMENT ON SCALPED  
HILLSIDE

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SOIL PLACED ON SCALPED HILLSIDE

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SOIL PLACEMENT ON OLD  
ASPHALT PAD & HILLSIDE

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S/047/036

-DETAIL OF RIPPERS ON GRADER  
TO BE USED TO RIP/SCARIFY  
TOPSOILED AREAS

S/047/036

DETAIL OF RIPPERS ON OLD GRADER  
-PLAN TO RIP/SCARIFY THE TOPSOILED  
AREAS